PROFORMA P.W.G. WORK SLIP - 1

BRUHAT BENGALOORU MAHANAGARA PALIKE

Name of Work: Providing & laying of sanitary pipe line 230mm dia glazed stone ware and 300mm dia RCC pipe line at Kurlappa layout near kogilu road (Ward No.1 Yelahanka

Estimate Cost :Rs.3250000.00

Agreement Cost : Rs 3115458.00

Tender Premium : 5.0 % above

Sl. No	Tender Item	Description	Unit	As per BOQ			Anticipated Qty			Remarks
				Qty	Rate	Amount	Qty	Rate	Amount	
1		2	3	7	8	9	10	11	12	24
1	5	Earth work excavation for pipeline trenches (except building works) including barricading depositing on bank with all lead including danger lighting and using sight rails and boning rods including shoring, strutting, bailing out water at every 100 meters wherever necessary as directed in the following starta in the following strata with all lead & lift etc complete.	cum	141.14	216.38	30539.9	446.76			In the estimate provision for excavation was made is inadiqvate , as per the soil condition work executed , hence qty incresed
				upto BOQ Qty			141.14	216.38	30539.87	
				25% of BOQ Qty			35	216.38	7635	
				> 125% of BOQ Qty			270	236.25	63867	
2	23	resistant cement, coNickel in shape at top, with CC 1:3:6 foundation using 40 mm and down size graded metal of approved quality and with an offset of 0.15M alround the chamber. Construct Brick masonry in CM 1:4, 340 mm thick, with wirecut bricks of approved quality, plaster inside and out side with CM 1:3, 12 mm thick, except for the coNickel surface outside where the plaster thickness shall be 20 mm. Slope inside to be 1:6 in the concrete towards central drain and finished smooth. Fixing of pipes in CC 1:2:4 with graded metal of 20 mm and down size. Supplying and fixing SFRC manhole frame and cover conforming to IS:12592 with latest amendment, in CC 1:2:4. Supplying and fixing footsteps made of 12 mm dia. steel bars (Fe-415) with 3 mm thick plastic encapsulation (IS-10910). The footsteps shall be fixed 30cms apart and on CC block watering, curing, barricading, danger lighting,pouring tar over MH frame and cover, cost of inner coNickel surface etc. as per the drawing etc. as per technical specifications and for Up to 3.0M height	No	5	53939	269695	10			In the estimate provision for 3.0 ntr M H was made is inadiqvate , as per the instruction & site condition work executed , hence qty incresed
				upto BOQ Qty			5.00	53939	269695	
				25% of BOQ Qty			6.25	53939	67424	
				> 125% of BOQ Qty			3.75	47209	177034	

P.T.O

Abstract

Total BOQ amount	300234.87
Upto 125%	75059
Beyond 125%	240901
Total work slip amount	315960

Assistant Engineer
Ward No.1

Assistant Executive Engineer
Yelahanka Sub division

Executive Engineer
Yelahanka Division

Chief Engineer (Yelahanka Zone)
BBMP

BRUHAT BENGALOORU MAHANAGARA PALIKE

YELAHANKA ZONE

Name of Work: Providing & laying of sanitary pipe line 230mm dia glazed stone ware and 300mm dia RCC pipe line at Kurlappa layout near kogilu road (Ward No.1 Yelahanka CMC area

Work slip- 1 RATE ANALYSIS

1	Earth work excavation for pipeline trenches (except building works) including barricading depositing on bank with all lead including danger lighting and using sight rails and boning rods including shoring, strutting, bailing out water at every 100 meters wherever necessary as directed in the following starta in the following strata with all lead & lift etc complete.	Unit	
	(BWSSB SR 2017-18,SL no.1, A050,P.no 51)	No	225
	Add tender premiun 5 %		11.3
	Rs One hundred Seventy five and paise Thirty Five only		**236.25**

Assistant Engineer
Ward No.1

Assistant Executive Engineer
Yelahanka Sub division

Executive Engineer
Yelahanka Division

BRUHAT BENGALOORU MAHANAGARA PALIKE

YELAHANKA ZONE

Name of Work: Providing & laying of sanitary pipe line 230mm dia glazed stone ware and 300mm dia RCC pipe line at Kurlappa layout near kogilu road (Ward No.1 Yelahanka CMC area

Work slip- 3

RATE ANALYSIS

1	Providing and constructing "WIRE CUT BRICK MANHOLE CHAMBERS" using suplhate resistant cement, coNickel in shape at top, with CC 1:3:6 foundation using 40 mm and down size graded metal of approved quality and with an offset of 0.15M alround the chamber. Construct Brick masonry in CM 1:4, 340 mm thick, with wirecut bricks of approved quality, plaster inside and out side with CM 1:3, 12 mm thick, except for the coNickel surface outside where the plaster thickness shall be 20 mm. Slope inside to be 1:6 in the concrete towards central drain and finished smooth. Fixing of pipes in CC 1:2:4 with graded metal of 20 mm and down size. Supplying and fixing SFRC manhole frame and cover conforming to IS:12592 with latest amendment, in CC 1:2:4. Supplying and fixing footsteps made of 12 mm dia. steel bars (Fe-415) with 3 mm thick plastic encapsulation (IS-10910). The footsteps shall be fixed 30cms apart and on CC block embedded to masonry wall. The whole works include excavation in all types of soils, watering, curing, barricading, danger lighting,pouring tar over MH frame and cover, cost of tar, shoring, strutting,de-watering, engraving manhole number with flow direction on the inner coNickel surface etc. as per the drawing etc. as per technical specifications and for the following diameters and depth etc. for Constructing Brick Masonry Circular Manholes 1.2 m internal dia., 2.0 M depth & SFRC cover & frame	Unit	
	(BWSSB SR 2017-18,SL no.101.11 T300M,P.no 168)	No	30795
	Add tender premiun 5 %		1539.8
	Rs Thirty Two Thousand Three hundred Thirty four and paise Eighty only		**32334.8**

Assistant Engineer
Ward No.1

Assistant Executive Engineer
Yelahanka Sub division

Executive Engineer
Yelahanka Division

BRUHAT BENGALOORU MAHANAGARA PALIKE

YELAHANKA ZONE

Name of Work: Providing & laying of sanitary pipe line 230mm dia glazed stone ware and 300mm dia RCC pipe line at Kurlappa layout near kogilu road (Ward No.1 Yelahanka CMC area

Work slip- 4

RATE ANALYSIS

1	Providing and constructing "WIRE CUT BRICK MANHOLE CHAMBERS" using suplhate resistant cement, coNickel in shape at top, with CC 1:3:6 foundation using 40 mm and down size graded metal of approved quality and with an offset of 0.15M alround the chamber. Construct Brick masonry in CM 1:4, 340 mm thick, with wirecut bricks of approved quality, plaster inside and out side with CM 1:3, 12 mm thick, except for the coNickel surface outside where the plaster thickness shall be 20 mm. Slope inside to be 1:6 in the concrete towards central drain and finished smooth. Fixing of pipes in CC 1:2:4 with graded metal of 20 mm and down size. Supplying and fixing SFRC manhole frame and cover conforming to IS:12592 with latest amendment, in CC 1:2:4. Supplying and fixing footsteps made of 12 mm dia. steel bars (Fe-415) with 3 mm thick plastic encapsulation (IS-10910). The footsteps shall be fixed 30cms apart and on CC block embedded to masonry wall. The whole works include excavation in all types of soils, watering, curing, barricading, danger lighting, pouring tar over MH frame and cover, cost of tar, shoring, strutting, de-watering, engraving manhole number with flow direction on the inner coNickel surface etc. as per the drawing etc. as per technical specifications and for the following diameters and depth etc. for Constructing Brick Masonry Circular Manholes 1.2 m internal dia., 3.0 M depth & SFRC cover & frame	Unit	
	(BWSSB SR 2017-18,SL no.101.12/ T300N,P.no 168)	No	44961
	Add tender premiun 5 %		2248.1
	Rs Twenty Thousand Two hundred Sixty four and paise Thirty only		**47209.1**

Assistant Engineer
Ward No.1

Assistant Executive Engineer
Yelahanka sub division

Executive Engineer
Yelahanka Division